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PATENT

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1. (previously presented) A system, comprising:
 - a source of multimedia data; and
 - a display of multimedia data mounted in a room in which the source is disposed, the source wirelessly transmitting the multimedia data in an uncompressed form to the display on a primary link at approximately sixty GigaHertz (60GHz), wherein the primary link has a data rate of at least two Giga bits per second (2.0 Gbps) and the primary link has a bandwidth of approximately 2.5GHz, the source and display not being disposed together in a common package, wherein the display sends to the source signals on the primary link indicating at least one display capability of the display, wherein display control signals are multiplexed with the multimedia data on the primary link.
2. (original) The system of Claim 1, wherein the display is a projector.
3. (canceled).
4. (original) The system of Claim 1, wherein the primary link is a full duplex link.
5. (previously presented) The system of Claim 1, wherein at least one of: encryption keys, capability signals, are multiplexed with the multimedia data on the primary link.

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6. (previously presented) The system of Claim 1, wherein the display and source further communicate at least one of: encryption keys, display control signals, capability signals, on a secondary link having a data rate lower than the data rate of the primary link.

7. (previously presented) A system, comprising:
a source of multimedia data; and
a display of multimedia data mounted in a room in which the source is disposed, the source wirelessly transmitting the multimedia data in an uncompressed form to the display on a primary link at approximately sixty GigaHertz (60GHz), wherein the primary link has a data rate of at least two Giga bits per second (2.0 Gbps) and the primary link has a bandwidth of approximately 2.5GHz, wherein control signals are sent between the source and display, at least some control signals indicating a reception condition at the receiver useful for establishing at least one of: a source transmission power level, a source antenna beam directivity, wherein display control signals are multiplexed with multimedia data on the primary link.

8. (original) The system of Claim 1, wherein the data is high definition (HD) multimedia data.

9. (currently amended) A method for transmitting multimedia data, comprising:
disposing a multimedia transmitter and a multimedia receiver in a room on different surfaces from each other;
establishing a wireless link between the transmitter and receiver; and

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wirelessly transmitting a multimedia signal on the link from the transmitter to the receiver at a frequency sufficiently high that the signal substantially cannot be received outside the room, signals being exchanged between the transmitter and receiver wherein player control signals are sent between the transmitter and receiver, at least some control signals being useful for establishing a transmitter antenna beam control. are multiplexed with multimedia data on the link.

10. (original) The method of Claim 9, wherein the multimedia signal carries uncompressed high definition multimedia data.

11. (original) The method of Claim 9, wherein the frequency is approximately sixty GigaHertz (60GHz).

12. (original) The method of Claim 11, wherein the link has a data rate of at least two Giga bits per second (2.0 Gbps).

13, 14. (canceled).

15. (currently amended) The method of Claim 9, at least one of: encryption keys, player control signals, capability signals, are communicated between the transmitter and receiver on a secondary link.

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16 (canceled).

17. (previously presented) A computer comprising:
means for storing multimedia data; and
means for wirelessly transmitting, to a receiver, the multimedia data in uncompressed form on a link having a frequency of approximately sixty GigaHertz (60GHz) wherein capability signals are sent from the receiver to the means for wirelessly transmitting to cause the means for wirelessly transmitting to adjust a directivity of an antenna beam transmitted by the means for wirelessly transmitting.

18. (original) The computer of Claim 17, wherein the multimedia data is transmitted from the computer to the receiver on a primary link.

19. (original) The computer of Claim 18, wherein the primary link is a full duplex link.

20, 21. (canceled).

22. (previously presented) The computer of Claim 17, wherein control signals are sent between the computer and receiver, at least some control signals being useful for establishing at least one of: a multimedia player transmission power level, a multimedia player antenna beam control.

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23. (original) The multimedia player of Claim 17, wherein the multimedia data is high definition (HD) multimedia data.

24-30 (canceled).

31. (previously presented) A system, comprising:

a source of multimedia data; and

a display for the multimedia data, the source wirelessly transmitting the multimedia data in an uncompressed form to the display on a primary link at approximately sixty GigaHertz (60GHz), wherein control signals are sent between the source and display, at least some control signals being useful for establishing a source antenna beam form control.

32. (original) The system of Claim 31, wherein the source of multimedia data is a set-top box like device capable of decoding compressed multimedia content as received from at least one of: satellite, cable, terrestrial broadcast, internet streaming.

33. (previously presented) The system of Claim 31, wherein the display is selected from the group consisting of cathode ray tubes (CRT), liquid crystal displays (LCD), plasma display panels (PDP), and TFTs.

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34. (original) The system of Claim 31, wherein the primary link has a data rate of approximately two and a half gigabytes per second (2.5 Gbps).

35. (original) The system of Claim 31, wherein the primary link is a full duplex link.

36. (previously presented) The system of Claim 31, wherein at least one of: encryption keys, player control signals, capability signals, are multiplexed with the multimedia data on the primary link.

37. (previously presented) The system of Claim 31, wherein the player and source further communicate at least one of: encryption keys, player control signals, capability signals, on a secondary link having a data rate lower than the data rate of the primary link.

38. (canceled).

39. (original) The system of Claim 31, wherein the data is high definition (HD) multimedia data.

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